

28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400

TELEPHONE (617) 227-7400 FAX (617) 742-4214 www.lahive.com

JOHN A LAHIVE, JR (1928-1997) THOMAS V SMURZYNSKI GIULIO A DeCONTI, JR FLIZARETH A HANLEY AMY BAKER MANDRAGOURAS ANTHONY A. LAURENTANO KEVIN J. CANNING JANE E REMILLARD DeanN FORAN SMITH DEBRA J MILASINCIC, Ph D WILLIAM A. SCOFIELD, JR SIBLEY P. REPPERT DAVID R BURNS JOHN S CURRAN SEAN D DETWEILER MEGAN E. WILLIAMS, Ph.D HATHAWAY P. RUSSELL \* MARIA LACCOTRIPE ZACHARAKIS, Ph.D. DANIELLE L HERRITT
EUIHOON LEE \*\*
MANEESH GULATI
CYNTHIA M SORCOS
PETER W DINI, Ph D.
MICHAEL J BASTIAN, Ph D
CHRISTOPHER J MCKENNA
VINCENT P. LOCCISANO
JAMES M MCKENZIE

SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
JEANNE M. D:GIORGIO
CYNTHIA L. KANIK, Ph.D.
JOHN D. LANZA

PATENT AGENTS
JONATHAN M SPARKS, Ph D
ANDRINA WILLIAMS ZINK
CRISTIN E HOWLEY, Ph D
JILL ANN MELLO, Ph D
CHRISTOPHER E DRABIK

TECHNICAL SPECIALISTS
CATHERINE M BISHOP
JACOB G WEINTRAUB
DEBORAH L NAGLE, Ph D
ANNE JACQUELINE WIZEMAN, Ph D
BRIAN C. TRINQUE, Ph D
CHRISTOPHER R COWLES, Ph D
JAMES H. VELEMA
W ELANA WANG
CYNTHIA M GILBERT

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December 10, 2004

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Re.

U.S. Patent Application No.: 10/709,141

For: METHODS & APPARATUS FOR SHARING SCREEN DATA IN A

**BANDWITH-ADAPTIVE MANNER** 

Inventors: Klaus Schauser, et al.

Filed: April 15, 2004 Our Ref. No.: CXT-092

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

- 1. Information Disclosure Statement;
- 2. PTO Form SB/08; and
- 3. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to:

MS Amendment, Commissioner for Patents, P.O. Box 1450,
Alexandria, Virginia 22313-1450 on:

Date

John D. Lanza, Esq. Registration No. 40,060

Respectfully submitted, LAHIVE & COCKFIELD, LLP

John D. Lanza, Esq. // Registration No. 40,060 Attorney for Applicants



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Klaus Schauser, et al.

Serial No.: 10/709,141

Filed: April 15, 2004

For: METHODS & APPARATUS FOR SHARING SCREEN DATA IN A BANDWITH-ADAPTIVE

**MANNER** 

Attorney Docket No.: CXT-092

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Group Art Unit: 2171

Examiner: Not Yet Assigned

## Certificate of First Class Mailing (37 CFR §1.8(a))

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Date of Signature and of Mall Deposit

By:

John D. Lanza, Esq.

Registration No. 40,060

Attorney for Applicants

## **INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form SB/08, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. Copies of cited U.S. patents and U.S. publications (Reference ID Nos. A1-A32) are not enclosed with this statement.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation

Serial Number: 10/709,141 Page -2- Group Art Unit: 2171

that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications. Applicants direct the Examiner's attention to U.S. Patent Application No. 10/709,142, filed April 15, 2004.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Date: December 10, 2004

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

John D. Lanza, Esq. Registration No. 40,060 Attorney for Applicants 28 State Street

Boston, MA 02109 (617) 227-7400

JDL/CMG/les Enclosures

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PTO/SB/08a/b (08-03)
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Sut	stitute for form 1449A/B/PT	0		Complete if Known		
				Application Number	10/709,141	
11	NFORMATION	1 DI	SCLOSURE	Filing Date	April 15, 2004	
S	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Klaus E. Schauser	
				Art Unit	2171	
	(Use as many sh	eets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	CXT-092	

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant		
Initials*	No.1	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear		
	A1	6,155,840	12-05-2000	Sallette			
	A2	6,167,432	12-26-2000	Jiang			
	A3	2002/0038346 A1	03-28-2002	Morrison, et al.			
	A4	6,397,036 B1	05-28-2002	Thean, et al.			
	A5	2002/0073059 A1	06-13-2002	Foster, et al.			
	A6	6,430,567 B2	08-06-2002	Burridge			
	A7	2002/0129106 A1	09-12-2002	Gutfreund			
	A8	6,514,085 B2	02-02-2003	Slattery, et al.			
	A9	6,567,813 B1	05-20-2003	Zhu, et al.			
	A10	2003/0140121 A1	07-24-2003	Adams			
	A11	6,601,087 B1	07-29-2003	Zhu, et al.			
	A12	2003/0160813 A1	08-28-2003	Raju			
	A13	2003/0167301 A1	09-04-2003	Zhu, et al.			
	A14	2003/0167302 A1	09-04-2003	Zhu, et al.			
	A15	2003/0167303 A1	09-04-2003	Zhu, et al.			
	A16	2003/0167304 A1	09-04-2003	Zhu, et al.			
	A17	2003/0167305 A1	09-04-2003	Zhu, et al.			
	A18	2003/0167339 A1	09-04-2003	Zhu, et al.			

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>				

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	NON PATENT LITERATURE DOCUMENTS									
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>							

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Examiner	Date	
	1	
Signature	Considered	

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08a/b (08-03)

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				Application Number	10/709,141	
II.	<b>NFORMATION</b>	1 DI	SCLOSURE	Filing Date	April 15, 2004	
S	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Klaus E. Schauser	
				Art Unit	2171	
	(Use as many sh	eets as	s necessary)	Examiner Name	Not Yet Assigned	
Sheet	2	of	2	Attorney Docket Number	CXT-092	

			Ü.S. PA	TENT DOCUMENTS		
Examiner	0:4-	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	Cite No.1	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
	A19	2003/0167418 A1	09-04-2003	Zhu, et al.		
	A20	2003/0182375 A1	09-25-2003	Zhu, et al.		
	A21	2003/0208529 A1	11-06-2003	Pendyala, et al.		
	A22	6,654,032 B1	11-25-2003	Zhu, et al.		
	A23	6,669,485 B2	12-30-2003	Thean, et al.		
	A24	2004/0002048 A1	01-01-2004	Thurmaier, et al.		
	A25	2004/0049549 A1	03-11-2004	Slattery, et al.		
	A26	2004/0103147 A1	05-27-2004	Flesher, et al.		
	A27	2004/0107249 A1	06-03-2004	Moser, et al.		
	A28	2004/0107256 A1	06-03-2004	Odenwald, et al.		
	A29	2004/0111639 A1	06-10-2004	Schwartz, et al.		
	A30	2004/0174392 A1	09-09-2004	Bjoernsen, et al.		
	A31	2004/0191748 A1	09-30-2004	Thean, et al.		
	A32	RE38,609	10-05-2004	Chen, et al.		

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				

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Examiner	Date
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